AMITY UNIVERSITY

—————UTTAR PRADESH—————

Domain of Engineering & Technology

Amity School of Engineering and Technology

MINOR PROJECT

WEEKLY PROGRESS REPORT (WPR)

For the week commencing on: 26-09-2022 (9ᵗʰ week)

Program: B.Tech. (AI) **Student Name: Muskan Singh**
WPR: 9 **Enrollment Number: A076119819006**

Company Name (if any) : ASET, LUCKNOW
Faculty Guide's Name : DR. NAMRATA DHANDA
Project / Seminar Title : DIABETES PREDICTION USING MACHINE LEARNING

TARGETS SET FOR THE WEEK:

- Study about all types of classification ML algorithms which will be used to classify diabetes.

- To predict the results from that trained model and to analysis the classification report on the results along with confusion matrix.

ACHIEVEMENTS FOR THE WEEK:

- Cleaning the data and try to make the dataset Standard normally distributed and normalizing the dataset.

- Doing logarithmic transformations on the dataset to remove skewness.

- Doing univariable and bivariate analysis among the datasets of the medical patients.

FUTURE WORK PLANS:

- Will try practical implement of various ML usecases under the guidance of faculty guide.

- By actually performing things I will have a better understanding of things and it will enhance my knowledge which is very essential before working on the actual project.